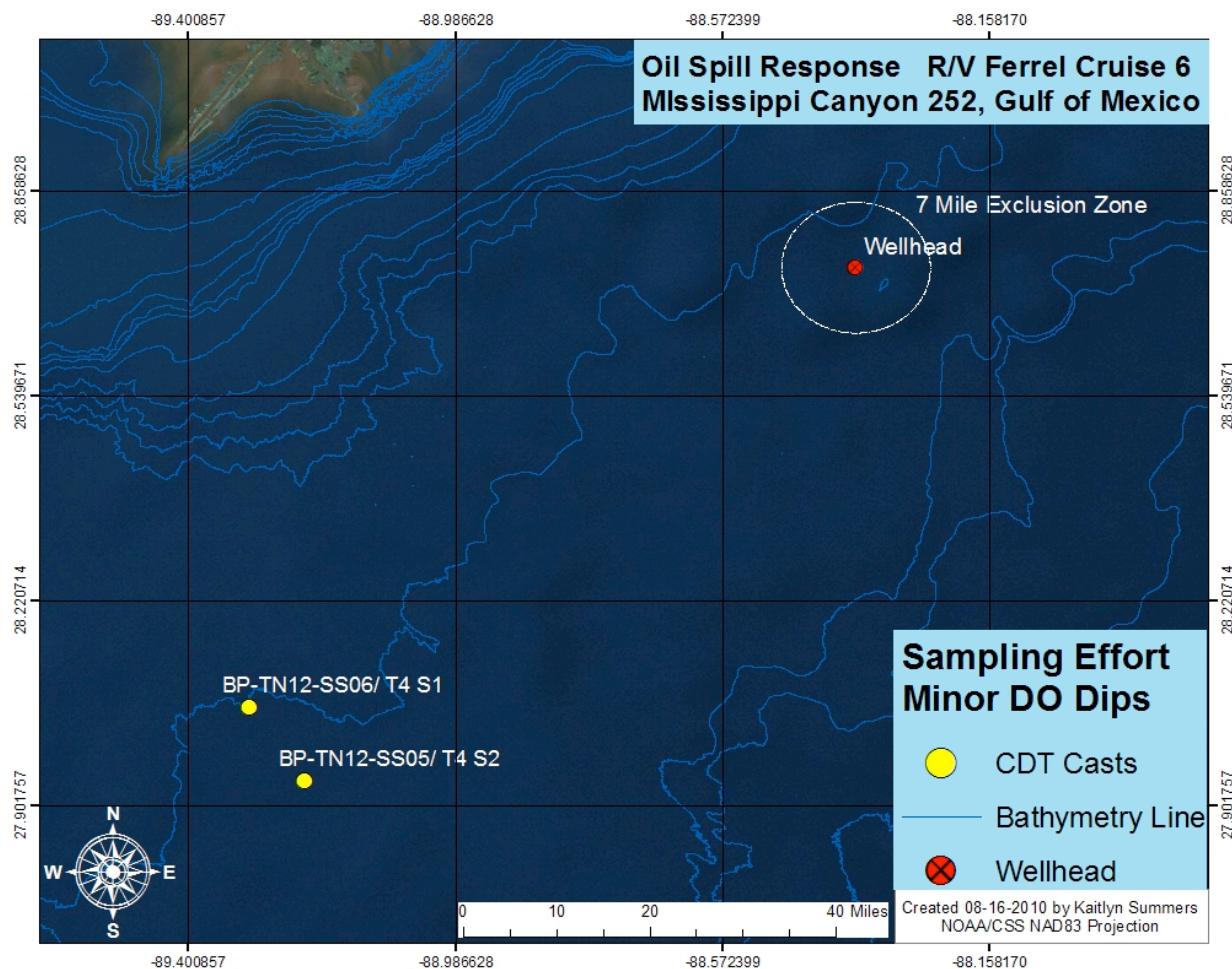


R/V Ferrel
Francine Reid and Dominique Joyner

1. Safety Meeting 6:30
2. Arrived at sampling station (07:00am).
3. Sampling begins (08:00am)
4. Two stations were sampled today with four samples per station, including surface samples.
5. The first sampling station from this transect was sampled yesterday (aug.14).
6. Fran=DNA, RNA, PLFA (MoBio filter),
Dom=AODC, Stable Isotope, VOA Analysis, Nutrient Chemistry, Uncontaminated plume
 depth water, Culturing, PLFA (Sterivex filter)
7. Heavy weather forced the boat to head into port at Amelia, LA before the next sampling site
 was reached.

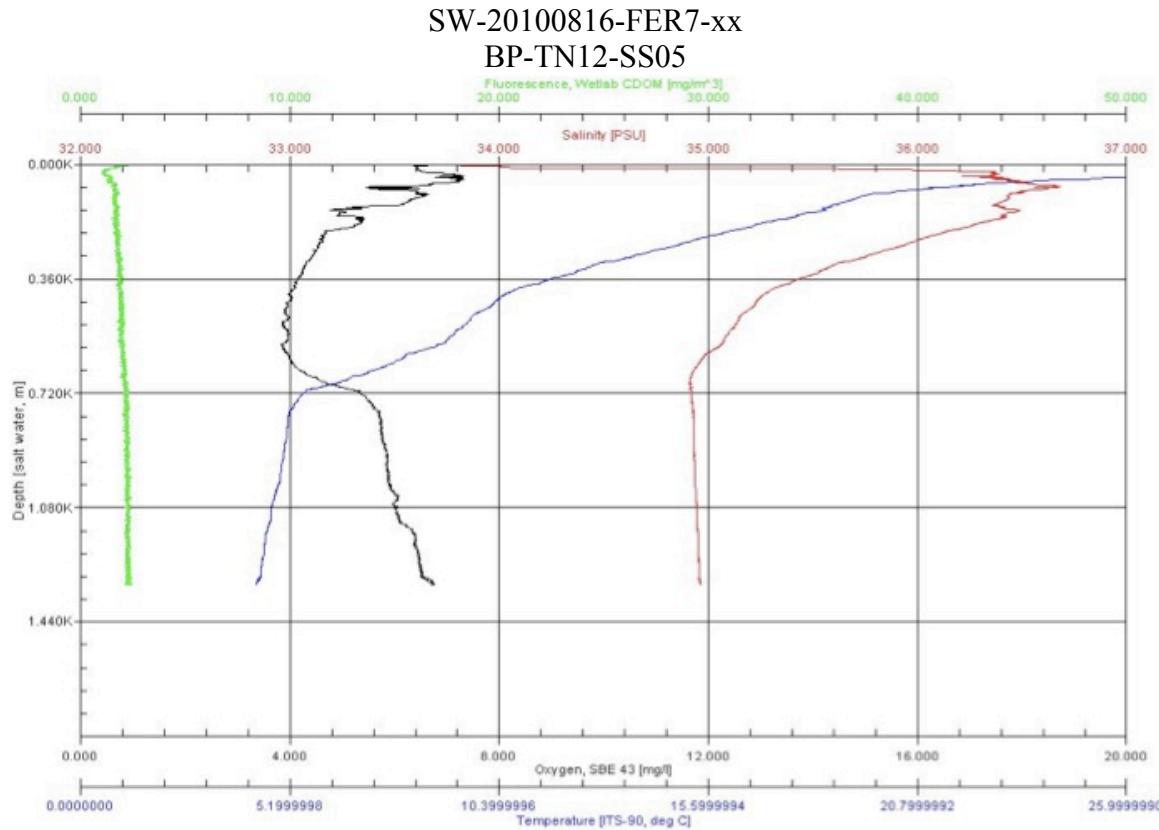
Sampling Nomenclature:

SW-YYYYMMDD-VesselMission#-SampleID
 BP-TransectNumber##-SamplingSite##



First station

66 miles SSW of wellhead. DO decline with narrow depression of <0.1 mg/l at 1070m.
Seabed at 1334m..



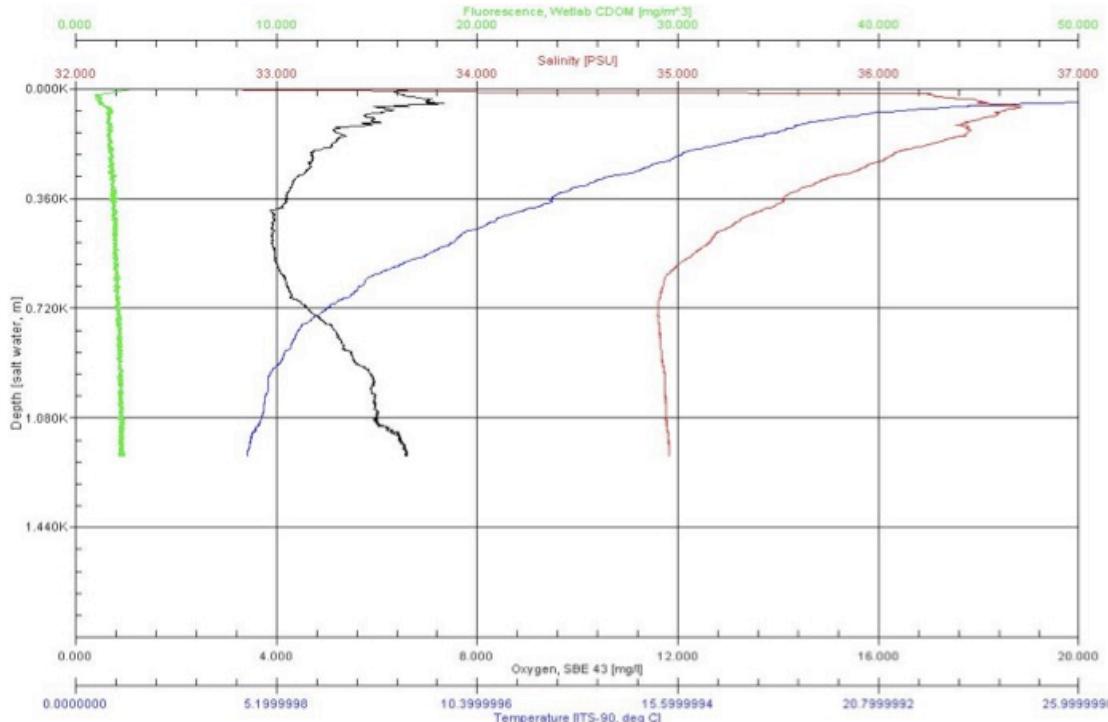
1. SW-20100815-FER7-01 (Surface)
BP-TN12-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
2. SW-20100816-FER7-03 (1070m)
BP-TN12-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
 - Three bottles of un-filtered water (1L each)
3. SW-20100816-FER7-05 (950m)
BP-TN12-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
4. SW-20100816-FER7-07 (200m) (for methane oxidizers)
BP-TN12-SS05
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA, SIP, Nutrient Chemistry
 - Three bottles of un-filtered water (1L each)

Second station

64 miles SSW of wellhead. DO decline with narrow depression of <0.1 mg/l at 1080m.
Seabed at 1213m.

SW-20100816-FER7-xx

BP-TN12-SS06



5. SW-20100815-FER7-08 (surface)
BP-TN12-SS06
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
6. SW-20100815-FER7-10 (1080m)
BP-TN12-SS06
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
7. SW-20100815-FER7-12 (950m)
BP-TN12-SS06
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
8. SW-20100815-FER7-14 (200m) (for methane oxidizers)
BP-TN12-SS06
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry